

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



527271

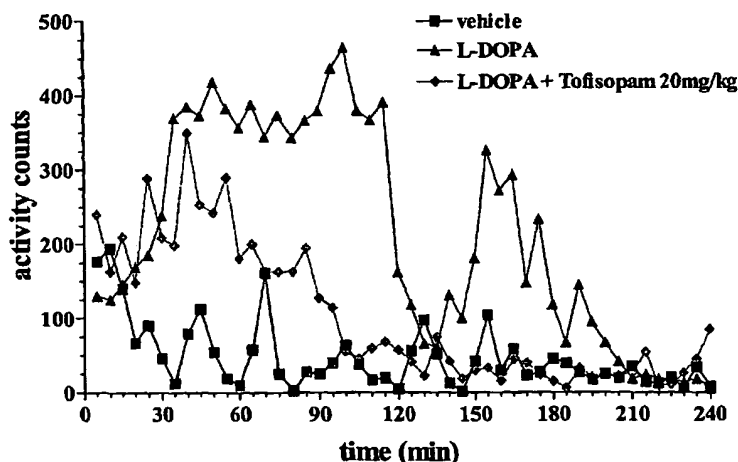
(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/024163 A1

- (51) International Patent Classification⁷: A61K 31/551, A61P 25/14, 25/16, A61K 45/06
- (74) Agent: BANFORD, Paul, Clifford; Marks & Clerk, 43 Park Place, Leeds LS1 2RY (GB).
- (21) International Application Number: PCT/GB2003/003951
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 11 September 2003 (11.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0221248.8 13 September 2002 (13.09.2002) GB
0304227.2 25 February 2003 (25.02.2003) GB
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): MO-TAC NEUROSCIENCE LIMITED [GB/GB]; Williams House, Manchester Science Park, Lloyd Street North, Manchester M15 6SE (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): CROSSMAN, Alan [GB/GB]; 1.124 Stopford Building, School of Biological Sciences, Oxford Road, University of Manchester, Manchester M13 9PT (GB). HILL, Michael [GB/GB]; Motac Neuroscience Limited, Williams House, Manchester Science Park, Lloyd Street North, Manchester M15 6SE (GB). BROTHIE, Jonathan [GB/CA]; Toronto Western Research Institute, Toronto Western Hospital, 399 Bathurst Street, MC11-419, Toronto, Ontario M5T 2S8 (CA).
- Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF BASAL GANGLIA-RELATED MOVEMENT DISORDERS WITH 2,3-BENZODIAZEPINES



(57) Abstract: The present invention relates to compounds, related to 2,3 benzodiazepines, of general formula (I), such as Tofisopam, Girisopam or Nerisopam, for use in the treatment of dyskinesia. The dyskinesia may arise as a side-effect of a therapy for parkinsonism.

WO 2004/024163 A1